

Official Presentation by the  
INSTITUTION OF ENGINEERS AUSTRALIA

Of the  
NATIONAL ENGINEERING LANDMARK PLAQUE

# Construction of Fremantle Harbour 1892-1901

C.Y. O'CONNOR





## Fremantle Harbour - Constructed 1892 - 1901

Designed by Western Australia's Engineer-in-Chief C.Y. O'Connor, the Port of Fremantle replaced dangerous ocean jetties by blasting and dredging the mouth of the Swan River to create a Harbour protected by twin rock breakwaters. The design, which saw the first large-scale use of random tipped rock in Australia, skilfully managed the environment. It is testimony to O'Connor's vision that today's Harbour is still largely based on his original design.

## Australian Engineering Plaquing Programme

The Australian Engineering Plaquing Programme has been developed as a means of bringing deserved public recognition to historic engineering works and sites. Programmes of this kind have been running successfully for many years in the U.S.A. under the auspices of the major engineering institutions and in the U.K. also. A programme was adopted by the Institution of Engineers, Australia in 1985.

The Fremantle Harbour, constructed between 1892-1900 is considered by the Institution's National Panel for Engineering Heritage to be one of Australia's great engineering feats. A commemorative plaque to be placed at the Port will be presented to the Fremantle Port Authority by the Chairman of The Institution of Engineers, Australia National Committee on Engineering Heritage, Mr Ken McInnes.

The plaque will be received on behalf of the Fremantle Port Authority by Judge V J A O'Connor grandson of C.Y. O'Connor.



# Form of Proceedings at the Ceremony To be held at Fremantle Inner Harbour

Tuesday, 4 December 1990 at 3.15pm

Master of Ceremonies  
Mr Robin Olsen  
Civil Engineering Manager  
Fremantle Port Authority

Mr A T Poustie  
General Manager  
Fremantle Port Authority  
welcoming address

Mr Ken McInnes  
Chairman  
IEAust National Committee Engineering  
Heritage presents the landmark plaque

Judge V J A O'Connor  
Grandson of C.Y. O'Connor  
accepts the plaque and unveils the  
accompanying information plaque

Mr Robin Olsen  
concludes ceremony and invites guests  
to move to the Seventh Floor Hospitality  
Suite for afternoon tea.

